

# Resilient Floor Covering Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)					
326192, Resilient floor covering manufacturing .....	2002..	50	59	5 941	249 769	4 429	8 914	162 271	778 430	857 869	1 642 886	139 395
	2001..	N	N	5 123	234 217	3 727	7 730	150 587	682 735	760 368	1 441 259	53 041
	2000..	N	N	5 344	235 172	3 945	8 101	154 906	753 083	781 416	1 539 339	55 357
	1999..	N	N	5 502	226 370	4 041	8 440	144 219	884 466	814 918	1 710 864	101 802
	1998..	N	N	6 484	277 255	5 107	10 367	202 214	915 249	796 389	1 729 258	74 635
	1997..	28	36	6 070	270 689	4 739	9 694	199 622	946 321	758 886	1 684 216	66 721

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>326192, Resilient floor covering manufacturing</b>												
United States .....	—	59	23	5 941	249 769	4 429	8 914	162 271	778 430	857 869	1 642 886	139 395
New York .....	—	9	3	359	15 812	289	559	11 437	32 105	39 250	76 094	11 906
Ohio .....	1	4	1	225	7 580	161	292	4 799	13 376	12 868	26 472	427

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
326192, Resilient floor covering manufacturing	
Companies <sup>1</sup> .....	number.. 50
All establishments <sup>2</sup> .....	number.. 59
Establishments with 1 to 19 employees .....	number.. 36
Establishments with 20 to 99 employees .....	number.. 5
Establishments with 100 employees or more .....	number.. 18
All employees <sup>3</sup> .....	number.. 5 941
Total compensation .....	\$1,000.. 315 772
Annual payroll .....	\$1,000.. 249 769
Total fringe benefits .....	\$1,000.. 66 003
Production workers, average for year .....	number.. 4 429
Production workers on March 12 .....	number.. 4 449
Production workers on May 12 .....	number.. 4 534
Production workers on August 12 .....	number.. 4 370
Production workers on November 12 .....	number.. 4 353
Production worker hours .....	1,000.. 8 914
Production worker wages .....	\$1,000.. 162 271
Total cost of materials .....	\$1,000.. 857 869
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 639 388
Resales .....	\$1,000.. 165 824
Purchased fuels .....	\$1,000.. 16 266
Purchased electricity .....	\$1,000.. 34 806
Contract work .....	\$1,000.. 1 585
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 528 243
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. D
Total value of shipments .....	\$1,000.. 1 642 886
Primary products value of shipments .....	\$1,000.. 1 455 151
Secondary products value of shipments .....	\$1,000.. D
Total miscellaneous receipts .....	\$1,000.. D
Value of resales .....	\$1,000.. 174 511
Contract receipts .....	\$1,000.. -
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. D
Value of primary products shipments made in all industries .....	\$1,000.. 1 525 562
Value of primary products shipments made in this industry .....	\$1,000.. 1 455 151
Value of primary products shipments made in other industries .....	\$1,000.. 70 411
Coverage ratio .....	percent.. 95
Value added .....	\$1,000.. 778 430
Total inventories, beginning of year .....	\$1,000.. 250 111
Finished goods inventories .....	\$1,000.. 185 619
Work-in-process inventories .....	\$1,000.. 16 348
Materials and supplies inventories .....	\$1,000.. 48 144
Total inventories, end of year .....	\$1,000.. 246 773
Finished goods inventories .....	\$1,000.. 176 767
Work-in-process inventories .....	\$1,000.. 18 613
Materials and supplies inventories .....	\$1,000.. 51 393
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 981 233
Total capital expenditures (new and used) .....	\$1,000.. '39 395
Buildings and other structures (new and used) .....	\$1,000.. '5 335
Machinery and equipment (new and used) .....	\$1,000.. '34 060
Automobiles, trucks, etc., for highway use .....	\$1,000.. '661
Computers and peripheral data processing equipment .....	\$1,000.. '904
All other expenditures for machinery and equipment .....	\$1,000.. '32 495
Total retirements .....	\$1,000.. '25 318
Gross value of depreciable assets at end of year .....	\$1,000.. '995 310
Depreciation charges during year .....	\$1,000.. '49 811
Total rental payments .....	\$1,000.. 8 464
Buildings and other structures .....	\$1,000.. 2 872
Machinery and equipment .....	\$1,000.. 5 592
Total other expenses <sup>4</sup> .....	\$1,000.. 128 069
Response coverage ratio <sup>5</sup> .....	percent.. 83
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 35 122
Communications services <sup>4</sup> .....	\$1,000.. 2 347
Legal services <sup>4</sup> .....	\$1,000.. 3 418
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 326
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 7 798
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 709
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 5 007
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 2 238
Taxes and license fees <sup>4</sup> .....	\$1,000.. 4 644
All other expenses <sup>4</sup> .....	\$1,000.. 65 460

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on 2002 Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
326192, Resilient floor covering manufacturing											
All establishments .....	—	59	5 941	249 769	4 429	8 914	162 271	778 430	857 869	1 642 886	'39 395
Establishments with—											
1 to 4 employees .....	9	18	39	1 488	24	45	1 108	3 821	4 448	8 270	'253
5 to 9 employees .....	9	10	66	3 335	47	100	2 725	8 585	10 454	19 039	'644
10 to 19 employees .....	5	8	112	4 935	86	181	3 615	10 909	14 561	26 605	'714
20 to 49 employees .....	5	3	107	4 488	87	188	2 979	15 545	17 690	32 775	D
50 to 99 employees .....	—	2	c	D	D	D	D	D	D	D	D
100 to 249 employees .....	—	8	g	D	D	D	D	D	D	D	'11 970
250 to 499 employees .....	—	8	2 454	95 480	1 763	3 719	61 039	380 619	279 569	675 259	'9 425
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	27	119	5 617	80	164	4 495	14 451	17 390	31 842	'1 050

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
326192	Resilient floor covering manufacturing .	59	5 941	249 769	4 429	8 914	162 271	778 430	857 869	1 642 886	'39 395
3261920	Resilient floor coverings . . . . .	59	5 941	249 769	4 429	8 914	162 271	778 430	857 869	1 642 886	'39 395

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326192	Resilient floor covering manufacturing .....	2002.. N	X	X	1 525 562
	1997.. N	N	X	X	1 647 203
3261920	Resilient floor coverings .....	2002.. N	X	X	1 525 562
	1997.. N	N	X	X	1 647 203
32619201	Resilient floor coverings .....	2002.. N	X	X	1 492 794
	1997.. N	N	X	X	1 609 552
3261920110	Resilient floor covering, sheet flooring, including vinyl and rubber .....	2002.. 20	X	X	865 987
	1997.. 10	10	X	X	810 885
3261920120	Resilient floor covering, tile, including vinyl, vinyl composition, plain and adhesive backed, no-wax, rubber, etc. ....	2002.. 18	X	X	626 807
	1997.. 11	11	X	X	798 667
3261920Y	Resilient floor coverings, nsk, total .....	2002.. N	X	X	32 768
	1997.. N	N	X	X	37 651
3261920YWW	Resilient floor coverings, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	3 866
	1997.. N	N	X	X	25 491
3261920YWY	Resilient floor coverings, nsk, for administrative-record establishments .....	2002.. N	X	X	28 902
	1997.. N	N	X	X	12 160

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
326192	Resilient floor covering manufacturing		
00900001	Total materials .....2002..	X	639 388
	.....1997..	X	683 556
32510059	Plasticizers .....2002..	X	57 976
	.....1997..	X	71 164
32513000	Pigments, organic and inorganic.....2002..	X	34 801
	.....1997..	X	N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	185 717
	.....1997..	X	244 560
32500041	Other chemicals and allied products .....2002..	X	65 563
	.....1997..	X	D
32212037	Floor covering felts .....2002..	X	83 958
	.....1997..	X	66 780
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	18 234
	.....1997..	X	D
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	174 676
	.....1997..	X	144 984
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	18 463
	.....1997..	X	93 446

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.